

## ABSTRACT OF THE DISCLOSURE

A non-reciprocal circuit element includes a magnetic plate, a common electrode, a first main segment, a second  
5 main segment, a third main segment, and a magnet opposing to the magnetic plate and the magnet applying a bias magnetic field. The temperature coefficient of the saturation magnetization of the magnetic plate is from  $-0.2\ \%/^{\circ}\text{C}$  to  $-0.1\ \%/^{\circ}\text{C}$  in the temperature range from  $-35^{\circ}\text{C}$  to  $85^{\circ}\text{C}$ . The  
10 temperature coefficient of the residual magnetization of the magnet is from  $-0.20\ \%/^{\circ}\text{C}$  to  $-0.15\ \%/^{\circ}\text{C}$  in a temperature range from  $-35^{\circ}\text{C}$  to  $85^{\circ}\text{C}$ .